

Isopoda: Asellota: Paramunnidae

SYNONYMY: *Asellota* sp SD1 Pasko 2004

LITERATURE

Iverson EW, Wilson GDF (1981) *Paramunna quadratifrons*, new species, the first record of the genus in the North Pacific Ocean (Crustacea: Isopoda: Pleurogoniidae). *Proceedings of the Biological Society of Washington* 85(47): 541–548.

Stebbins TD, Wetzer R (2023) Review and guide to the isopods (Crustacea, Isopoda) of littoral and sublittoral marine habitats in the Southern California Bight. *ZooKeys* 1162: 1–167. <https://doi.org/10.3897/zookeys.1162.100390>

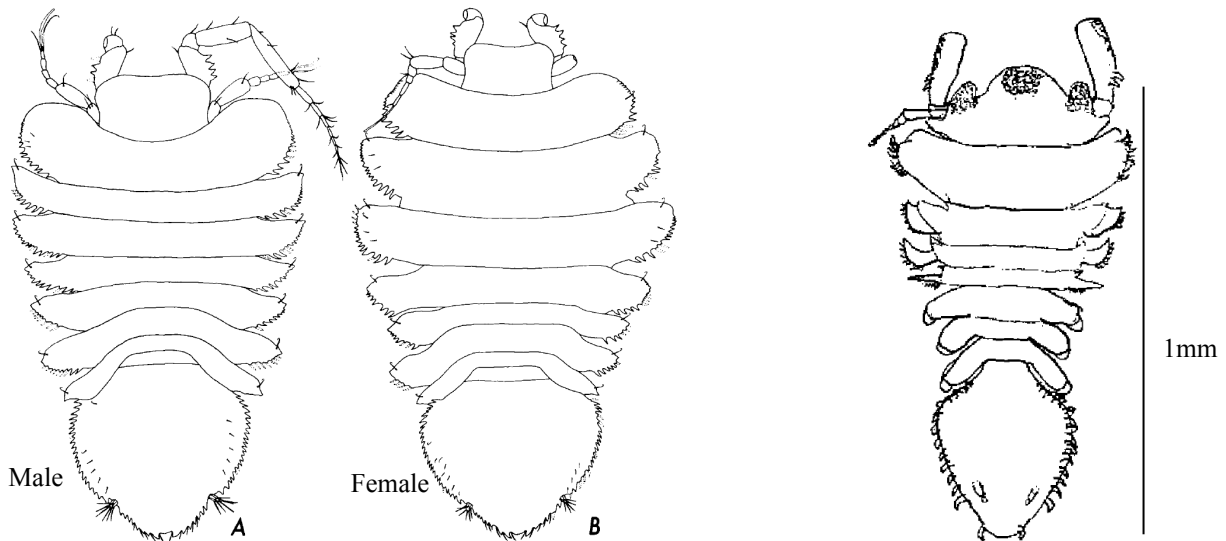
DISTRIBUTION: Bight'03 Station 4029; Collected 21 July 2003; 75m, off NE Anacapa Island, CA

DIAGNOSTIC CHARACTERS

- Cephalon broad, strongly produced along anterior margin, smooth (granulate tubercles absent)
- Eyes absent
- Pigment absent (possibly due to preservation techniques)
- Body widest at pereonites 2 and 3
- Pereonites generally smooth, without denticulations or spines
- Pleotelson with serrate margins
- Pereopods long
- Uropods styliform, positioned slightly dorsal on the pleotelson

NOTES

- This provisional species was discussed at a December 2004 SCAMIT Meeting (SCAMIT NL Vol. 23, No. 8) where Don Cadien recognized it as being very similar to *Paramunna quadratifrons* Iverson and Wilson (1981) but differing in the shape of the frons (broadly quadrate in *P. quadratifrons* vs. produced and rounded in *Paramunna* sp SD1), and the absence of strong lateral serrations of the pereonites.
- *Paramunna* sp SD1 also differs from *Paramunna* sp A SCAMIT 1996 (see SCAMIT NLS Vol. 15, No. 1 and No. 2) in the absence of granulate tubercles on the frons, lateral serrations on the pereonites, and although not documented, the absence of two anteriorly projecting granulate cephalic tubercles above and slightly medial to the insertion of the antennae.
- There are no illustrations of *Paramunna* sp SD1; however, it is included in the key to Southern California Bight asellote isopods provided in Stebbins and Wetzer (2023: Key I), and can be contrasted to the two closely related species figured below.



Paramunna quadratifrons Iverson and Wilson 1981 (from Iverson & Wilson, 1981). Male, 1.23mm total length; female 1.29mm total length.

Paramunna sp A SCAMIT, male (after Cadien 1996, SCAMIT NL. Vol 15, No. 2). Total length, ≥ 1 mm)